



# Army HSMS Newsletter

15 MAY 2001

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## HSMS V2.3 UPDATE

### HSMS Development

On 1 May 01, the Army held a conference call in preparation for the Army Configuration Management Board (CMB) working session on 8-9 May 01. The Army is striving to improve the configuration management process and have included the MACOM HSMS POCs as an integral part of that process. The objective of the 8-9 May 01 working session is to review and prioritize the Army ECPs prior to attending the Joint Service Configuration Control Board (CCB). Thus far, the members of the CMB recommended approval of 13 new Army ECPs and 2 pending Army ECPs. On 16-17 May 01, the Army will attend the Joint Service CCB to vote on ECPs for inclusion into HSMS V2.4.

The Army has accepted the HSMS V2.3SP1 application for fielding. Currently, we have a total of 20 installations converted to V2.3 with ten now using SP1. As decided in the April Joint Service CCB, we have approved 31 ECPs to be incorporated into HSMS V2.3 SP2. We intend to receive SP2 from DESCIM this summer with fielding starting late summer.

As you can see, we have been aggressive in implementing change to best improve the application. We urge HSMS users to provide input and request changes to continually improve the application. Please coordinate ECPs through the CAO and your respective MACOM POC.

### Hardware Upgrades

We have started to receive new remote bar-coding hardware from the vendor. Upon receipt of the hardware, PO-HSMS will configure the scanners and ship two scanners (Symbol PDT7240) and docking stations to each HSMS installation. The CAO has been provided technical specifications and POCs for the new hardware.

### Interfaces

The Logistics Interface Utility (LIU) has been tested and accepted by the Army for fielding. The LIU will allow data transfer from SARSS/ILAP and IFS/Supply 2000 into HSMS, thereby reducing the need for dual entry of data. The Communication Interface Utility (CIU) will be a centralized server that will filter data prior to sending data to specific installations for processing by the LIU. We expect the LIU and CIU to be fully operational this summer.

Due to the significant redesign effort of HMIS, the development of an HMIS/HSMS interface has been deferred. The requirements for an HMIS interface will be reviewed at the next Joint Service CCB for potential acceptance into HSMS V2.4. AEC attended a Joint Application Development (JAD) meeting in MAR 01 for the HMIS redesign efforts. The new HMIS (redesigned) is to be released in APR 02. AEC intends to have an interface for the new HMIS.

### Crystal Reports

Twenty Crystal Reports have been converted to the V2.3 format and have been validated against a V2.3 database. These reports are now available from the CAO. The remaining seven reports will be converted and validated soon hereafter. After your installation is upgraded to V2.3, please contact the CAO to obtain the new Crystal Reports.

POC for this update is Joseph K. Weihs, P.E., USAEC/WPI, (410) 436-1221.

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## HSMS 2.3 CONVERSION UPDATE

With the approval and acceptance of HSMS 2.3 SP1, all future sites will be converted to HSMS 2.3 SP1. Sites that have been converted to HSMS 2.3 are currently being scheduled for migration to HSMS 2.3 SP1. CDs are

currently being made and being shipped to the sites. The ten sites that have been migrated to HSMS 2.3 SP1 are:

1. Fort Hood, TX
2. Camp Carroll, Korea
3. Camp Zama, Japan
4. Camp Humphreys, Korea
5. Yongsan, Korea
6. Fort Wainwright, AK
7. Fort Richardson, AK
8. Fort Meade, MD
9. MSC-Korea
10. Fort Lewis, WA

The following sites have been converted to HSMS 2.3 and will be migrated SP1.

- |                                     |                            |
|-------------------------------------|----------------------------|
| 1. Detroit Arsenal                  | 18 May 2001                |
| 2. Kaiserslautern Industrial Center | Schedule TBD by site.      |
| 3. Fort Belvoir                     | 18 May 2001                |
| 4. Tooele Army Depot                | Schedule TBD by site.      |
| 5. Hohenfels Training Area          | Schedule TBD by site.      |
| 6. Picatinny Arsenal                | 11 May 2001                |
| 7. Deseret Chemical Depot           | Schedule TBD by site.      |
| 8. Camp Blanding, FL                | Site scheduled 4 May 2001. |
| 9. Connecticut NG                   | Schedule TBD by site.      |
| 10. Fort Leonard Wood               | 11 May 2001                |

POC for this article is Diane Stephens/PO HSMS, (703) 806-3059.  
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## DETROIT ARSENAL IMPLEMENTS THE HSMS 2.3 WASTE MODULE

Detroit Arsenal Hazmart personnel have recently initiated steps to implement the HSMS 2.3 Waste Module. A combination of successful business practices, command support, and thorough training has enabled Detroit Arsenal to grow their HSMS program and lifecycle tracking capability.

The first step towards implementation was to evaluate current waste business practices. Detroit Arsenal operates a delivery service out of the Hazmart. Each customer has a specified weekly "stop" day when Hazmart personnel replenish AUL supplies and pickup empty containers (i.e., aerosol cans, oil bottles, etc). The Hazmart provides waste accumulation containers for each customer and distributes these on an as needed basis. When a customer fills a waste container he or she calls the Hazmart to request a pickup. The Hazmart picks up the waste from the customer either making a special trip or incorporating pickup with the weekly stop. Some waste is consolidated into larger waste containers at the Hazmart (i.e., waste oil, waste paint). Other

waste is kept in the original container and stored until pick up at the Hazmart 90-day site.

The next step was to explore the HSMS 2.3 Waste Module and determine which transactions would be used for tracking waste. First, waste reference data was entered into the Reference Module. This data included **Waste Characterizations** and associating the Waste Characterization(s) with the proper **Site-Specific Process**. Other waste reference data, such as **Disposal Sites**, **Waste Transporters**, and **Waste Storage Facility Types** were also added. Detroit modified the **DOT ID** and **DOT Container Code** tables to include only those codes used at Detroit Arsenal.

Once all necessary waste data was entered, waste transactions were mapped out for the HSMS operators. Waste containers are created and barcoded using **Create Waste Container**. Most waste disposed on Detroit Arsenal is considered a **Waste Byproduct** (i.e., used oil, waste paint, petroleum contaminated rags, etc.). Occasionally, some waste is turned in by the customer as a can that has spoiled or expired. This is handled on the **Material...Disposition** screen using the **Dispose** tab. All unknown waste, or waste found on post and turned in to the Hazmart is treated as **External Waste**. The operators then use the waste **Container Inventory** screen to track disposal activities such as **Close**, **Store**, **Change Status** to Awaiting Pickup for Disposal, **Manifest**, and **Disposition** waste. Detroit Arsenal primarily utilizes a waste contractor for waste disposal and rarely uses the DRMO. Because of this, Hazmart personnel do not anticipate using the **Delivery Order** or **DD1348** functionality on a regular basis.

Detroit Arsenal anticipates having the HSMS Waste Module completely online by the end of May 2001. They look forward to the many benefits they know will come from automated waste tracking. Hazmart personnel will benefit from increased waste container visibility and automated tracking reports such as the **Outstanding Pickup Requests** report and the **Container Info/History** functionality. Environmental personnel will benefit from the timesaving and accurate automated reports such as the **Waste Billing Report** and **Quarterly Disposal** report.

*Contributed by Gary Voss, Detroit Arsenal HSMS Project Officer and Thomas Ilderton, Dynamac Corporation*

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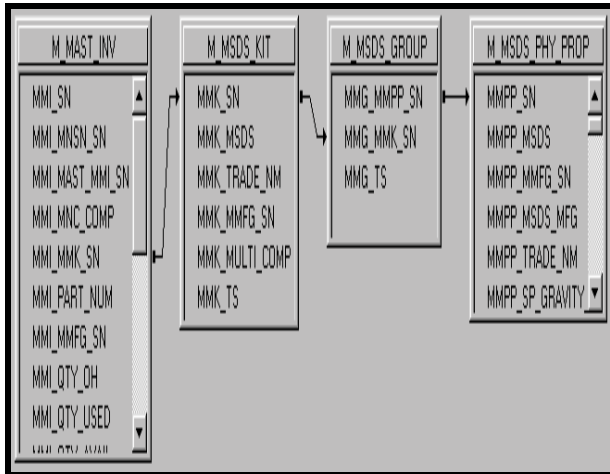
## CRYSTAL REPORTS WITH HSMS 2.3 MSDS DATA

HSMS 2.3 handles MSDS data differently than HSMS 2.2. As far as the database structure is concerned, the tables store all MSDS in the same tables regardless of whether or not they are single-component or multi-component. Therefore, the difference between a multi-component MSDS and a

single component MSDS is that there is only one component for a single-component MSDS. This will impact your Crystal Report creation because the link to the Master Inventory (M\_MAST\_INV) has also been impacted by this database change.

**! IMPORTANT !**

## HSMS TRAINING DATES



**Figure 1**

Note that in Figure 1, the linkable field in the Master Inventory table is MMI\_MMK\_SN. You must use this field anytime you want to link AUL, NSN, or usage information for the MSDS records in your database.

If you closely examine the Master Inventory table for HSMS 2.2, you will see that you could link directly via the field MMI\_MMPP\_MSDS directly to the MSDS Physical Properties (M\_MSDS\_PHY\_PROP) table. Because this field is gone in HSMS 2.3, the only way to link from the Master Inventory table to retrieve MSDS data is to link back through M\_MSDS\_KIT.

Again, this is required because HSMS 2.3 does not treat multi-component and single-component MSDS records different. When a single-component record is created in HSMS 2.3, records are created in the following tables:

1. M\_MSDS\_KIT – **one record**,
2. M\_MSDS\_GROUP – **one record**, and
3. M\_MSDS\_PHY\_PROP – **one record**.

When a multi-component record is created, records are created in the following tables:

1. M\_MSDS\_KIT – **one record**, and
2. M\_MSDS\_GROUP – **one record per component**.

Although this discussion focuses on linking back to the Master Inventory table, your report's retrieval of records may also be affected for Crystal Reports that strictly report MSDS data. You must now be aware that records exist in M\_MSDS\_KIT even for single components. So, look out for duplicates where multi-component records are involved and use Groups as appropriate.

*Contributed by Jerry Hartley, Dynamac Corporation*

All ADBM classes scheduled for this FY have been completed. Requirements for additional training sessions this FY will be assessed at the next Training Committee Meeting. When the new schedule is assembled, it will be disseminated through the Newsletter.

### **ADBM's have first priority for available course slots.**

Army GS employees, followed by installation on-site HSMS contractors, Corps of Engineer HSMS implementation contractors and others are welcome to attend on a space available basis. The course is open to all personnel with Army HSMS associated individuals having priority. The AEC funds the course instruction. In addition, AEC provides travel/per diem funding for one attendee **per newly implementing installation**. Replacement ADBMs or additional personnel must be funded by the respective site or organization for the travel and per diem.

**For more information on ADBM Training, please contact:**

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[diane.stephens@peostamis.belvoir.army.mil](mailto:diane.stephens@peostamis.belvoir.army.mil)

**Functional User Training – Sustainment (FUT-S).** FUT-S is new (FY01) additional hands-on user training available to installations that have implemented HSMS. FUT-S is designed as non-installation specific hands-on user training which is geared toward new users or users looking for refresher training on the functionality of the HSMS software. FUT-S instruction includes all HSMS software modules. FUT-S provides installations with a mechanism to help train personnel who are new to the program due to personnel rotation and support for advanced learning initiatives.

**The FUT-S schedule is as follows:**

- **10-12 July 2001** – at the AEC Computer Training Facility, APG-EA, MD (16 slots available)
- **7-9 August 2001** – at the AEC Computer Training Facility, APG-EA, MD (16 slots available)

**NOTE: If your installation has HSMS Users that did not or were not able to attend v2.3 transition training then AEC highly recommends the FUT-S.** The AEC funds the course instruction. Installations or the sending organization must fund the attendee travel and per diem for course attendance. For more information on FUT-S Training or to register, please contact: HSMS Customer Assistance Office (CAO) at 1-888-800-7242 or [hsmc@saic.com](mailto:hsmc@saic.com)

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## MATERIAL SAFETY DATA SHEETS (MSDS)

Army users may now access a DoD web site to view and print MSDSs. The web site is operated by the Defense Logistics Information Service and contains the same data that is available on the Hazardous Materials Information System quarterly CD-ROMs (DoD 6050.5-L). The web site is at <http://www.dlis.dla.mil/hmis/>. For further information, contact Sandy Gorba, U.S. Army Packaging, Storage, & Containerization Center, DSN: 795-6622 or Pat Cowin, U.S. Army Center for Health Promotion and Preventive Medicine, DSN: 584-5484.

HazMat on the Web is also available via this Air Force website [www.hazmat48.wpafb.af.mil](http://www.hazmat48.wpafb.af.mil) and provides free access to such information as MSDSs, Environmental Safety and Occupational Health (ESOH) information, and EPA/DOT/OSHA/NRC rules and regulations. HazMat on the Web is used widely throughout the Air Force in many Environmental, Safety and Occupational, Health organizations, as well as other base support, research and development, and acquisition agencies. HazMat on the Web provides centralized access to information for specialists such as Industrial Hygienists, Health and Safety Professionals, HazMat Teams, Environmental Experts, Toxicologists, and Occupational, Primary Care and Emergency personnel. If you have any suggestions or comments, please email Pam Hixon at [pam.hixon@wpafb.af.mil](mailto:pam.hixon@wpafb.af.mil) or Glerick Dale at [glerick.dale@wpafb.af.mil](mailto:glerick.dale@wpafb.af.mil). For immediate support, you can call (DSN) 785-6815 or (commercial) 937-255-6815.

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## NEW ADBMS?

Due to a variety of circumstances, installations may experience personnel turnover/change. If your installation experiences a change in ADBM personnel, PLEASE contact the CAO ASAP at (888) 800-7242 or [hsms@saic.com](mailto:hsms@saic.com) with the contact information for the new ADBM.

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## NEW INSTALLATION POC?

As installations experience personnel turnover, the installation HSMS POC may change. If your installation experiences a change in the HSMS POC, PLEASE contact Mr. Bill Tagalicod at (410) 436-1241 or [william.tagalicod@aec.apgea.army.mil](mailto:william.tagalicod@aec.apgea.army.mil) with the new contact information.

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## PROBLEM REPORTS

### PROBLEM:

The user receives the following error when entering multiple waste streams into containers: **Error: Container ID 0000000084 waste streams are not assigned to this waste profile.**

### RESOLUTION:

The waste streams associated with container 84 did not match those associated with waste profile YPG0097. Client added the missing waste streams to waste profile YPG0097 and this resolved the error.

### PROBLEM:

The user provided a screen shot of an error she received when inputting a new receipt.

### RESOLUTION:

Client error was caused by a constraint error in the price field. The price field would not accept values over \$999.99. This problem has been previously identified and is corrected in HSMS 2.3 SP1. Client will use \$999.99 as a default price and keep a list of items that are over \$999.99. An SQL will be provided to the client for correcting the default price after they receive SP1.

### PROBLEM:

The user has records in their Master Inventory that are not tied to anything and contains duplicate MSDSs. They want to delete the Master Inventory record and the duplicate MSDS out of HSMS 2.3. After they delete the Master Inventory record, they attempt to delete the duplicate MSDS. They receive the following error when trying to delete the MSDS "MSDS can not be deleted due to other links." The links are in the Transaction History.

### RESOLUTION:

The user should have received a message indicating that the Master Inventory records could not be deleted because Inventory had been processed against the records. However, HSMS 2.3 allows the deletion to occur. The procedure that checks for the Master Inventory link is improperly configured to search for M\_MAST\_INT in the S\_LINKS table instead of M\_MAST\_INV.

The following SQLs will fix the problem:

**MMI\_MISS.SQL** inserts the improperly deleted records back into the database and adjusts the MMI\_SN values to the original values. These records were identified from the January backup of Fort Hood's 2.3 database.



**SLI\_FIX.SQL** adjusts records in the S\_LINKS table to reflect M\_MAST\_INT as the table for Master Inventory. This means that when the procedure that checks for Master Inventory links is run, it will access the proper record in the S\_LINKS table (M\_MAST\_INT) and will check for related records in the linked tables. Changing these records causes HSMS to operate as intended and does not allow the user to delete records improperly from the M\_MAST\_INV table.

#### PROBLEM:

The user was receiving a sequence of Oracle errors when attempting to save a Master Inventory record. The NSN and MSDS were valid as was the CAGE. They entered the Part Number and then received the errors. When they were entering the information for the record, they typed directly into the fields on the record display.

#### RESOLUTION:

When entering the data for a new record, click the ellipsis button (or press F2 for lookup) next to the NSN field and select an NSN from the list. Continue entering the remainder of the record either by typing into the appropriate fields or selecting the lookup feature for the fields.

#### PROBLEM:

The user provided a detailed account of an error message they were receiving. The HAZMART was entering a new receipt and encountered the error message. The screen looked correct, so the user took the information and tried it out on their personal oracle database and received the same error. They provided a copy of the screen that they attempted to enter.

#### RESOLUTION:

In HSMS 2.3, this error is generated when the Unit of Issue price exceeds 999.99. The UOI Price must be entered as 999.99 and noted as such for future reference. This problem is fixed in SP1.

*Contributed by Kirk Jones, Dynamac Corporation*

Everyone is invited to submit articles, problem descriptions, comments, or other pertinent information of interest to fellow members. If possible, keep article size to one-half to three-quarters of a page. Mail (e-mail) your items for publication, and we will add them to the newsletter version that follows their receipt.

Send all input to: [HSMSNews@dynamac.com](mailto:HSMSNews@dynamac.com)

## PRIMARY POINTS OF CONTACT

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CAO	Customer Assistance Office	(888) 800-7242 <a href="mailto:hsmss@saic.com">hsmss@saic.com</a>

## PURPOSE OF THIS REPORT

The purpose of this newsletter is to keep the U.S. Army community abreast of ongoing activities associated with the implementation of HSMS and to distribute summary articles that provide useful items of interest to all concerned members. It is recognized that this publication now transcends the Army community and embraces other military services and Federal agencies. This Newsletter is not limited to items of interest focused on the HSMS software but encompasses the entire spectrum of hazardous materials and waste management business practices as they pertain to the HSMS Program.

## UPCOMING EVENTS

MAY 2001	
14-18 May	10 <sup>th</sup> ASG Okinawa – Installation
14-18 May	9 <sup>th</sup> RSC Hawaii – FIV
14-25 May	Camp Humphreys, Korea – Inventory

14-18 May	Material Support Center Korea – FUT
<b>MAY 2001</b>	
21May – 1 June	Material Support Center Korea – Inventory
<b>JUNE 2001</b>	
4–8 June	Tripler Army Medical Center, Hawaii – Installation
4-8 June	10 <sup>th</sup> Area Support Group, Okinawa – FUT
11–15 June	Pohakuloa Training Area Hawaii – Installation
11–15 June	Tripler Army Medical Center Hawaii – FUT
11-22 June	10 <sup>th</sup> Area Support Group, Okinawa – Inventory
18-29 June	Tripler Army Medical Center – Inventory
18-22 June	Pohakuloa Training Area - FUT
18-22 June	9 <sup>th</sup> RSC Hawaii – Installation
25 June – 6 July	Pohakuloa Training Area Hawaii – Inventory
25–29 June	9 <sup>th</sup> RSC Hawaii – FUT

<b>AUGUST 2001</b>	
6-10 August	Fort Stewart – FUT
7-9 August	Functional User Training - Sustainment
13 August – 1 September	Fort Stewart – Inventory
20-23 August	P2 Conference San Antonio, TX
20-24 August	Camp Casey Installation
27 August – 1 September	Camp Casey – FUT
<b>SEPTEMBER 2001</b>	
4-14 September	Camp Casey - Inventory

*On line???*

*Check out our web site at:*

*[http://aec.army.mil/prod/useaec/et/p2/hsms\\_01.htm](http://aec.army.mil/prod/useaec/et/p2/hsms_01.htm)*

*Articles express the opinions of authors, not the Department of Defense or any of its agencies, and do not change or supersede official Army publications.*

<b>JULY 2001</b>	
2–13 July	9 <sup>th</sup> RSC Inventory
10–12 July	Functional User Training – Sustainment APG, MD
16-20 July	Camp Casey Korea – FIV
30 July – 3 August	Fort Stewart – Installation